



## Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at <http://about.jstor.org/participate-jstor/individuals/early-journal-content>.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact [support@jstor.org](mailto:support@jstor.org).

(2) By Mr. Theodore G. White, "The Wild Peas of North America." This paper was illustrated by numerous specimens. Mr. White stated that the subject grew in interest the more it was studied, and that he could not even yet present a complete report upon the species, of which, however, he believed there were 30.

WEDNESDAY EVENING, APRIL 25, 1894.

Vice-President Allen in the Chair and 17 persons present.

Reports were received from the Field Committee on meetings held at Lakewood, N. J., and Dunwoodie, N. Y., the latter being cited as a station for *Viola rotundifolia*.

Miss Margaret P. Waterman was elected an active member.

The following papers were read:

"The Genus *Cassia* in North America," by Charles L. Pollard. The paper was illustrated by specimens and diagrams, and is published in the present issue of the BULLETIN.

"Some new and interesting species of *Polygonum*," by John K. Small, illustrated by specimens and drawings. (Published in the April BULLETIN.)

"New species of Characeæ," by Dr. T. F. Allen, illustrated by drawings. (Published in the April BULLETIN.)

### Index to Recent Literature relating to American Botany.

**Atkinson, George F.** Artificial Cultures of an entomogenous Fungus.

Bot. Gaz. 19: 129-135, *pl.* 14-16. 14 Ap. 1894.

Cultures of *Isaria farinosa*.

**Atkinson George F.** Germination of the Spores of *Cerebella Paspali*.

Bull. Torr. Bot. Club, 21: 127, 128, *pl.* 183. 24 Ma. 1894.

Relationship of plant still uncertain.

**Ayres, H. B.** A miniature Water Lily. Science, 23: 109. 1894.

Note on distribution of *Nymphæa odorata* Ait. var. *minor* Sims, in Minnesota.

**Bay, J. Christian.** Eine neue Infectionsnadel für mykologische Studien. Ber. Deutsch. Bot. Gesel. 12: 1. 1894.

**Bay, J. Christian.** On the Study of Yeasts, with Descriptions of the Hansen Culture Box and of a new Infection Needle for the Study of Lower Cryptogams. Am. Mo. Mic. Journ. 15: 1-11; 33-45. 1894.

- Bennett, Arthur.** *Potamogeton praelongus*  $\times$  *perfoliatus*. Britten's Journ. Bot. 32: 153, 154. My. 1894.  
A supposed hybrid from Sicamore, British Columbia.
- Bessey, Charles E.** The Botany of the Apple Tree. Annual Rep. Nebraska Hort. Soc. reprint, pp. 36. 27 Ma. 1894.
- Britton, N. L.** Professor Greene and *Jacksonia* and *Polanisia*. Erythea, 2: 67, 68. 1 Ap. 1894.
- Briquet, John.** Questions de Nomenclature. Bull. Herb. Boiss, 2: 49-88. Fb. 1894.
- Bush, B. F.** Notes on a List of Plants collected in Southeastern Missouri in 1893. Ann. Rep. Mo. Bot. Gard. 5: 139-153. 1894.
- Chalmot, G. de.** The Availability of Free Nitrogen as Plant Food: A Historical Sketch. Agric. Sci. 8: 5-31. Ja. 1894.
- Chickering, J. W.** The Botanical Landscape. Science 23: 118. 1894.
- Clendenin, Ida.** Observations on the Zoospores of *Chatophora endiviaefolia*. Asa Gray Bull. No. 5, 13. 1894.
- Danglade, E. M.** Corn—a Query. Science, 23: 109. 1894.
- Davidson, Anstruther.** Californian Field Notes—III. Erythea, 2: 61-64. 1 Ap. 1894.  
Notes from Big Rock Creek, Los Angeles County.
- Deane, Walter.** The Ware Collection of Blaschka glass Models of Flowers. Bot. Gaz. 19: 144-148. 14 Ap. 1894.
- Dietel, P.** Die Gattung *Ravenelia*. Hedwigia, 33: 22-48, taf. 1-5, 30 Ja. 1894; 49-69, 15 Ap. 1894.  
Enumerates and describes 7 North American and 7 South American species of the genus of 28 species. Nine American species are described as new, *R. Holwayi*, from California, the remainder South American.
- Edwards, Arthur M.** Red Snow as seen by Means of the Microscope. Am. Mo. Mic. Journ. 15: 70-74. 1894.
- Farlow, W. G.** Notes for Mushroom-Eaters, IV.-VI. Gard. & For. 7: 63-64, 72, 82. Fb. 1894.  
Figures are given of *Coprinus comatus*, *Cantherellus cibarius*, *Boletus subtomentosus*, *Clavaria aurea*, *Scleroderma vulgare* and *Morchella esculenta*.
- Ganong, W. F.** On the Absorption of Water by the green Parts of Plants. Bot. Gaz. 19: 136-143. 14 Ap. 1894.  
Preliminary experiments render such absorption improbable.
- Graves, J. A.** Does *Claytonia* develop during the Winter Months? Asa Gray Bull. No. 5, 17. 1894.

- Golden, Katharine E.** Botany in the Schools. *Science*, **23**: 119. 1894.
- Greene, Edward L.** Historical notes of some Californian Trees.—II. *Erythea*, **2**: 64–67. 1 Ap. 1894.  
Notes on the oaks, particularly *Quercus lobata*.
- Greene, Edward L.** *Jacksonia* but not *Polanisia*. *Erythea*, **2**: 68. 1 Ap. 1894.
- Greene, Edward L.** Observations on the Compositæ—IV. *Erythea*, **2**: 53–60. 1 Ap. 1894.  
Discussion of facies of *Aster* and *Solidago*. Unites *Aplopappus Parryi* with the latter. Enumeration of species of *Pyrocoma*.
- Halsted, Byron D.** Shrinking of Leaves in Drying. *Bull. Torr. Bot. Club*, **21**: 129–131, *pl.* 184. 24 Mr. 1894.
- Harshberger, John W.** An additional poisonous Plant. *Bot. Gaz.* **19**: 159. 14 Ap. 1894.  
Poisonous influence of *Ranunculus acris*.
- Hooker, J. D.** *Begonia scabrida*. *Curt. Bot. Mag.* **50**: *tab.* 7347. 1 Ap. 1894.  
A Venezuelan species.
- Hudson, Geo. H.** An Impeachment of "School Botany." *Science*, **23**: 103. 1894.
- Jack, J. G.** Monceious or polygamous Poplars and Willows. *Gard. & For.* **7**: 163. 25 Ap. 1894.
- Kamienski, F.** Neue und unbeschriebene Arten der Gattung *Utricularia*. *Ber. Deutsch. Bot. Gesel.* **12**: 3. 22 F. 1894.  
*Utricularia quinqueradiata* and *U. Warmingi* n. sp. from Brazil are described.
- Langdon, Fanny E.** Variations in the Hoods of *Asclepias phytolacoides* Pursh. *Asa Gray Bull.* No. 5, 21. 1894.
- Loew, O.** The Synthetical Powers of Micro-organisms—II. *Science*, **23**: 144. 1894.
- McCluer, G. W.** Autumn Coloring of Leaves. *Science*, **23**: 133. 1894.
- Meehan, Thomas.** Compass Plants. *Bot. Gaz.* **19**: 158, 159. 14 Ap. 1894.
- Meehan, Thomas.** *Dodecatheon Meadia*. *Meehan's Month.* **4**: 65, *pl.* 5. My. 1894.
- Michener, C.** The spoken Language of Botany. *Science*, **23**: 135. 1894.

- Osband, Lucy A.** A Freak of Inflorescence. *Science*, **23**: 92. 1894.
- Parker, W. Thornton.** The Loco-weed. *Science*, **23**: 101. 1894.
- Peckhold, Theodor.** Die Brasilianischen Nutz.—und Heilpflanzen. *Pharm. Rundsch.* **12**: 109. My. 1894.
- Plank, E. W.** Botanical Notes from Texas—XVII. *Gard. & For.* **7**: 153. 18 Ap. 1894.
- Porter, Thomas C.** Notes on certain Plants of our Eastern Flora. *Bull. Torr. Bot. Club*, **21**: 120–123. 24 Mr. 1894.
- Pringle, C. G.** Notes of Mexican Travel—VII.—IX. *Gard. & For.* **7**: 152, 162, 172, *fig.* 30, 32. Ap. and Mh. 1894.  
Illustrations of *Vigna strobilophora* and *Tephrosia macrantha*.
- Rowlee, W. W.** Aeration of Tissues and Organs in *Mikania* and other Phanerogams. *Am. Mo. Mic. Journ.* **15**: 45–49. 1894.
- Sargent, C. S.,** Editor. A Botanic Garden for New York. *Gard. & For.* **7**: 181. 9 My. 1894.
- Sargent, C. S.** *Prunus orthosepala*. *Gard. & For.* **7**: 184, *fig.* 34. 9 My. 1894.
- Sargent, C. S.,** Editor. The Date Palm. *Gard. & For.* **7**: 164, *fig.* 31. 25 Ap. 1894.  
Illustration and notes of *Phoenix dactylifera*.
- Schneider, Albert.** Beitrag sur Kenntniss der Rhizobien. *Ber. Deutsch. Bot. Gesel.* **12**: 11. 1894.
- Small, John K.** Morphological notes on the genus *Brunnichia*. *Bull. Torr. Bot. Club*, **21**: 131–132, 2 *figs.* 24 Ma. 1894.
- Smith, E. F.** Memorabilia Botanica.—I.—II. *Science*, **23**: 80, 115. 1894.
- Terry, Wm. A.** Diatoms of the Connecticut Shore.—VI. *Am. Mo. Mic. Journ.* **15**: 74–83. 1894.
- Trelease, William.** Notes and Observations. *Ann. Rep. Mo. Bot. Gard.* **5**: 154–166, *pl.* 27–32. 1894.  
Notes on *Pachira* sp., *Crassula quadrifida*, *Cotyledon orbiculata*, *Cucumis Melo*, *Tillandsia utriculata*, *Agave parviflora* and *Yucca Guatemalensis*.
- Tyler, A. A.** An Examination of the Pubescence of the Styles and Filaments of *Lonicera hirsuta* Eaton., *L. Sullivantii* Gray and *L. glauca* Hill. *Bull. Torr. Bot. Club*, **21**: 123–126, *pl.* 181, 182. 24 Mr. 1894.

- Vail, Anna Murray.** A Study of the Genus *Psoralea* in America.  
Bull. Torr. Bot. Club, **21**: 91-119. 24 Ma. 1894.  
Revision of genus, with descriptions of the species. *P. Purshii* and *P. Trianae*  
are described as new, the latter from New Granada.
- Ward, Lester F.** Frost-Plants. Science, **23**: 66. 1894.
- Weed, Clarence M.** The Guests of the Mayflower. Pop. Sci. Month.  
**45**: 17-23, illustrated. My. 1894.
- Whitten, J. C.** Phenological Notes at the Missouri Botanic Garden,  
for 1892 and 1893. Ann. Rep. Mo. Bot. Gard. **5**: 123-135. 1894.
- Whitten, J. C.** The Emergence of *Pronuba* from the *Yucca* Capsules.  
Ann. Rep. Mo. Bot. Gard. **5**: 137. 1894.
- Wildeman, E. de.** *Trentepohlia Pittieri*. La Notarisia, **9**: 6. 1894.  
Description of a species from Costa Rica.